

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/023490A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G03F7/20 G02B27/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L G03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|----------|--|-----------------------|
| X        | EP 0 571 997 A (AIR PRODUCTS AND CHEMICALS, INC)<br>1 December 1993 (1993-12-01)<br>abstract<br>figure 1<br>column 1, line 3 – line 8<br>column 3, line 53 – line 58<br>column 5, line 24 – line 36<br>column 6, line 22 – line 39 | 1,18                  |
| A        | -----<br>-/-   | 7,24,<br>44-47        |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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| A        | US 6 582 496 B1 (CHENG KWOK-SHUN ET AL)<br>24 June 2003 (2003-06-24)<br>cited in the application<br>abstract<br>figure 1<br>column 1, line 5 - line 10<br>column 3, line 6 - line 21<br>column 6, line 36 - column 7, line 11<br>----- | 1,7,18,<br>24,44-47   |
| A        | US 4 704 348 A (KOIZUMI ET AL)<br>3 November 1987 (1987-11-03)<br>abstract<br>figures 2,3<br>column 1, line 7 - line 11<br>column 2, line 55 - column 3, line 18<br>column 3, line 30 - line 49<br>-----                               | 1,7,18,<br>24,44-47   |
| A        | US 2002/057423 A1 (NOGAWA HIDEKI)<br>16 May 2002 (2002-05-16)<br>abstract<br>figure 1<br>paragraph '0001!<br>paragraph '0009!<br>-----   | 1,7,18,<br>24,44-47   |
| A        | EP 0 678 321 A (ESSEX INVENTION S.A;<br>A.E.T. S.R.L) 25 October 1995 (1995-10-25)<br>abstract<br>figure 1<br>column 1, line 1 - line 9<br>column 5, line 34 - line 41<br>-----  | 1,7,24,<br>44-47      |

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Information on patent family members

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